

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-004324**Date Inspected:** 29-Sep-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1730**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Jeff Chen / Ck Chan**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** Tower**Summary of Items Observed:**

On this date, Caltrans Office of Structure Materials (OSM) Quality Assurance Inspector (QA) Raymond Lara was present at jobsite in Zhenhua Port Machinery Company facility on Changxing island, China for the purpose of observing and monitoring the fabrication of the tower.

Heavy Shop 1**Ultrasonic Weld Inspection**

The Quality Assurance Inspector performed 25% random ultrasonic testing verification on skin plate and longitudinal stiffeners to skin plate. SSD1-SA208 A/D-5B, SSD1-SA208 A/D 6B, ESD1-SA376 A/E 4B, ESD1-SA378 A/E 6B, ESD1-SA107 20 A/B, ESD1-SA107 17 A/B, ESD1-SA107 A/B, ESD1-SA107 14 A/B, ESD1-SA107 11 A/B, ESD1-SA107 6 A/B, ESD1-SA107 3 A/B, ESD1-SA107 A/F 12 A/B, ESD1-SA107 E/J 20 A/B, ESD1-SA107 E/J 14 A/B. See Caltrans report TL-6027 Ultrasonic Test Report, dated September 29, 2008 for additional information.

Summary of Conversations:

No relevant conversations on this date.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Joshua Ishibashi, (707) 649-5453, who represents the Office of Structural Materials for your project.

WELDING INSPECTION REPORT

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Inspected By: Lara,Raymond

Quality Assurance Inspector

Reviewed By: Wright,Mark

QA Reviewer